

**FAG**★ **2207-K-2RS-TVH-C3**

Self-aligning ball bearing

Schaeffler ID:  
0389042330030Self-aligning ball bearing 22..-K-2RS-TVH,  
tapered bore taper 1:12, seals, plastic  
cage

★ Preferred product

## Technical information

## Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.
	0,398 kg	Weight

## Main Dimensions &amp; Performance Data

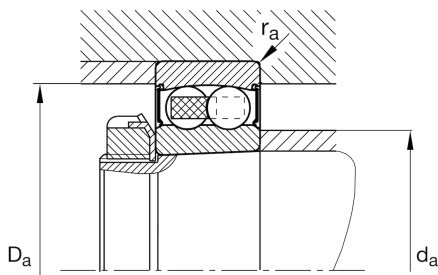
$d$	35 mm	Bore diameter
$D$	72 mm	Outside diameter
$B$	23 mm	Width
$r_{\min}$	1,1 mm	Minimum chamfer dimension
$C_r$	16.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.100 N	Basic static load rating, radial
$C_{ur}$	325 N	Fatigue load limit, radial
$n_G$	5.600 1/min	Limiting speed

## Dimensions

$D_2$	63,4 mm	Caliber diameter outer ring
$d_2$	43,5 mm	Caliber diameter inner ring

## Mounting dimensions

$d_{a\min}$	42 mm	Minimum diameter shaft shoulder
$d_{a\max}$	45 mm	Maximum diameter shaft shoulder
$D_{a\max}$	65 mm	Maximum diameter of housing shoulder
$d_{b\min}$	38 mm	Minimum cavity diameter of the sleeve
$B_{a\min}$	5 mm	Minimum cavity width of the sleeve
$r_{a\max}$	1 mm	Maximum fillet radius



**Calculation factors**

e	0,22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H307	Adapter sleeve
Y <sub>1</sub>	2,81	Dynamic axial load factor
Y <sub>2</sub>	4,35	Dynamic axial load factor
Y <sub>0</sub>	2,94	Static axial load factor